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(54) Title: INHIBITORS OF AKT ACTIVITY

(57) Abstract: The present invention is directed to compounds which contain a five-membered heterocyclic ring fused to a substituted pyridine moiety which inhibit the activity of Akt, a serine/threonine protein kinase. The invention is further directed to chemotherapeutic compositions containing the compounds of this invention and methods for treating cancer comprising administration of the compounds of the invention.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/12187

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/44; C07D 471/14, 471/16

US CL : 514/303; 546/118, 119

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/303; 546/118, 119

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	WO 2004/024728 A2 (GLAXO GROUP LTD.) 25 March 2004. See entire document.	1-18
A	Database CAPLUS on STN (Columbus, OH, USA) No. 140:156741. KUNICK et al. 'Evaluation and comparison of 3D-QSAR CoMSIA models for CDK1, CDK5 and GSK3 inhibition by Paulonics' J. Medicinal Chemistry, 2004, 47(1), 22-36, abstract.	9-18
A	Database CAPLUS on STN (Columbus, OH, USA) No. 125:167896, ZIMMERMANN et al. 'Phenylamino-pyrimidine PAF derivatives: a new class of potent and highly selective PDGR-receptor autophosphorylation inhibitors' Bioorganic & Medicinal Chemistry, June 2004, 26(11), 1221-1226, abstract.	9-18

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Continuation of B. FIELDS SEARCHED Item 3:
CAS-structure
East/West